

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER M-8-10
Relating to Certification of New Motorcycles

CUSHMAN, INC.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1992 model Cushman, Inc. exhaust emission control systems are certified as described below for four-stroke gasoline-powered motorcycles:

<u>Engine Family</u>	<u>Engine Displacement</u> <u>Cubic Centimeters</u>	<u>Class</u>	<u>Exhaust Emission Control Systems</u> <u>and Special Features</u>
NCU078940A9 (Cushman EFI 222)	789	III	Multipoint Electronic Fuel Injection

Vehicle models and transmissions are listed on the attachment. Production motorcycles shall be in all material respects the same as those for which certification is granted.

The certification exhaust emission standards and certification exhaust emission values for this engine family in grams per kilometer are:

<u>Hydrocarbons</u>		<u>Carbon Monoxide</u>	
<u>Standard</u>	<u>Certification</u>	<u>Standard</u>	<u>Certification</u>
1.4	0.8	12	8

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Section 2035 et seq.).


BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That these motorcycles are found exempt from compliance with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 17th day of December, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET-- MOTORCYCLE

Manufacturer -- Cushman Executive Order M-8-10 Page 1

Engine Family -- NLU078940A9 (EFI 222)

Model	Engine Code	Transmission	EIM(kg)	Force RL(nt)
Police Vehicle Model 454	EFI 222	M-3	610	183.0
On-Road Haulster Model 455	EFI 222	M-3	520	172.8
Delivery Vehicle Model 456	EFI 222	M-3	690	192.1
Refuse Vehicle Model 457	EFI 222	M-3	710	194.4